



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/071,512A

DATE: 10/22/2002

TIME: 14:16:05

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\10222002\J071512A.raw

3 <110> APPLICANT: Woolf, Tod M.
5 <120> TITLE OF INVENTION: METHODS OF LIGHT ACTIVATED RELEASE OF LIGANDS FROM
6 ENDOSOMES
8 <130> FILE REFERENCE: SRI-014
10 <140> CURRENT APPLICATION NUMBER: US 10/071512A
C--> 11 <141> CURRENT FILING DATE: 2002-10-08
13 <150> PRIOR APPLICATION NUMBER: US 60/267272
14 <151> PRIOR FILING DATE: 2001-02-08
16 <160> NUMBER OF SEQ ID NOS: 7
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 10
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: synthetic construct
28 <400> SEQUENCE: 1
29 His Ile Trp Leu Ile Tyr Leu Trp Ile Val
30 1 5 10
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 16
35 <212> TYPE: PRT
36 <213> ORGANISM: Drosophila melanogaster
38 <400> SEQUENCE: 2
39 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
40 1 5 10 15
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 27
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: synthetic construct
51 <400> SEQUENCE: 3
52 Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Lys Ile Asn Leu
53 1 5 10 15
54 Lys Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
55 20 25
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 25
60 <212> TYPE: PRT
61 <213> ORGANISM: Human immunodeficiency virus
63 <220> FEATURE:
64 <221> NAME/KEY: BLOCKED

RAW SEQUENCE LISTING

DATE: 10/22/2002

PATENT APPLICATION: US/10/071,512A

TIME: 14:16:05

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\10222002\J071512A.raw

```

65 <222> LOCATION: 1
66 <223> OTHER INFORMATION: Acm protecting group
68 <400> SEQUENCE: 4
69 Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg
70 1 5 10 15
71 Arg Gln Arg Arg Arg Pro Pro Gln Cys
72 20 25
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 15
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: variant of Seq Id No. 4
83 <400> SEQUENCE: 5
84 Cys Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Cys
85 1 5 10 15
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 19
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: variant of Seq Id No. 4
96 <400> SEQUENCE: 6
97 Cys Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Pro
98 1 5 10 15
99 Pro Gln Cys
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 37
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: variant of Seq Id No. 4
111 <400> SEQUENCE: 7
112 Gly Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys
113 1 5 10 15
114 Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr His Gln Val
115 20 25 30
116 Ser Leu Ser Lys Gln
117 35

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/071,512A

DATE: 10/22/2002

TIME: 14:16:06

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\10222002\J071512A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date